

1108

OIPE

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/982,172

DATE: 11/02/2001  
TIME: 15:48:43

Input Set : A:\es.txt  
Output Set: N:\CRF3\11022001\I982172.raw

**ENTERED**

3 <110> APPLICANT: Emil Israel Katz  
5 <120> TITLE OF INVENTION: PEPTIDES REPRESENTATIVE OF POLYPEPTIDES OF INTEREST AND  
ANTIBODIES  
6 DIRECTED THEREAGAINST, AND METHODS, SYSTEMS AND KITS FOR GENERATING AND  
7 UTILIZING EACH  
9 <130> FILE REFERENCE: 01/22283  
C--> 11 <140> CURRENT APPLICATION NUMBER: US/09/982,172  
C--> 11 <141> CURRENT FILING DATE: 2001-10-19  
11 <160> NUMBER OF SEQ ID NOS: 253  
13 <170> SOFTWARE: PatentIn version 3.1  
15 <210> SEQ ID NO: 1  
16 <211> LENGTH: 7  
17 <212> TYPE: PRT  
18 <213> ORGANISM: Artificial sequence  
20 <220> FEATURE:  
21 <223> OTHER INFORMATION: Computer generated synthetic peptide  
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26 1 5  
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32 <213> ORGANISM: Artificial sequence  
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63 <223> OTHER INFORMATION: Computer generated synthetic peptide  
65 <400> SEQUENCE: 4  
67 Lys  
68 1  
71 <210> SEQ ID NO: 5  
72 <211> LENGTH: 4

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73 <212> TYPE: PRT  
74 <213> ORGANISM: Artificial sequence  
76 <220> FEATURE:  
77 <223> OTHER INFORMATION: Computer generated synthetic peptide  
79 <400> SEQUENCE: 5  
81 Asn Phe Phe Lys  
82 1  
85 <210> SEQ ID NO: 6  
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87 <212> TYPE: PRT  
88 <213> ORGANISM: Artificial sequence  
90 <220> FEATURE:  
91 <223> OTHER INFORMATION: Computer generated synthetic peptide  
93 <400> SEQUENCE: 6  
95 Leu Asn Asn Lys  
96 1  
99 <210> SEQ ID NO: 7  
100 <211> LENGTH: 3  
101 <212> TYPE: PRT  
102 <213> ORGANISM: Artificial sequence  
104 <220> FEATURE:  
105 <223> OTHER INFORMATION: Computer generated synthetic peptide  
107 <400> SEQUENCE: 7  
109 Ser Glu Lys  
110 1  
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118 <220> FEATURE:  
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121 <400> SEQUENCE: 8  
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138 1  
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143 <212> TYPE: PRT  
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146 <220> FEATURE:  
147 <223> OTHER INFORMATION: Computer generated synthetic peptide

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149 <400> SEQUENCE: 10  
151 Glu Lys  
152 1  
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171 <212> TYPE: PRT  
172 <213> ORGANISM: Artificial sequence  
174 <220> FEATURE:  
175 <223> OTHER INFORMATION: Computer generated synthetic peptide  
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179 Pro Thr Val Ser Val Phe Ser Met Phe Arg  
180 1 5 10  
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186 <213> ORGANISM: Artificial sequence  
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193 Tyr Ser Asn Trp Leu Asp Lys  
194 1 5  
197 <210> SEQ ID NO: 14  
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202 <220> FEATURE:  
203 <223> OTHER INFORMATION: Computer generated synthetic peptide  
205 <400> SEQUENCE: 14  
207 Leu Tyr Met Val Val Gly Thr Leu Ala Ala Ile Ile His Gly Ala Gly  
208 1 5 10 15  
211 Leu Pro Leu Met Met Leu Val Phe Gly Glu Met Thr Asp Ile Phe Ala  
212 20 25 30  
215 Asn Ala Gly Asn Leu Glu Asp Leu Met Ser Asn Ile Thr Asn Arg  
216 35 40 45  
219 <210> SEQ ID NO: 15  
220 <211> LENGTH: 18  
221 <212> TYPE: PRT  
222 <213> ORGANISM: Artificial sequence  
224 <220> FEATURE:  
225 <223> OTHER INFORMATION: Computer generated synthetic peptide

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229 Ser Asp Ile Asn Asp Thr Gly Phe Phe Met Asn Leu Glu Glu Asp Met  
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233 Thr Arg  
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242 <220> FEATURE:  
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245 <400> SEQUENCE: 16  
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248 1 5 10 15  
251 Tyr Ile Gln Val Ser Phe Trp Cys Leu Ala Ala Gly Arg  
252 20 25  
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257 <212> TYPE: PRT  
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265 Gln Ile His Lys  
266 1  
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274 <220> FEATURE:  
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277 <400> SEQUENCE: 18  
279 Ile Arg  
280 1  
283 <210> SEQ ID NO: 19  
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285 <212> TYPE: PRT  
286 <213> ORGANISM: Artificial sequence  
288 <220> FEATURE:  
289 <223> OTHER INFORMATION: Computer generated synthetic peptide  
291 <400> SEQUENCE: 19  
293 Lys  
294 1  
297 <210> SEQ ID NO: 20  
298 <211> LENGTH: 8  
299 <212> TYPE: PRT  
300 <213> ORGANISM: Artificial sequence  
302 <220> FEATURE:  
303 <223> OTHER INFORMATION: Computer generated synthetic peptide  
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307 Gln Phe Phe His Ala Ile Met Arg

308 1 5

311 &lt;210&gt; SEQ ID NO: 21

312 &lt;211&gt; LENGTH: 17

313 &lt;212&gt; TYPE: PRT

314 &lt;213&gt; ORGANISM: Artificial sequence

316 &lt;220&gt; FEATURE:

317 &lt;223&gt; OTHER INFORMATION: Computer generated synthetic peptide

319 &lt;400&gt; SEQUENCE: 21

321 Gln Glu Ile Gly Trp Phe Asp Val His Asp Val Gly Glu Leu Asn Thr

322 1 5 10 15

325 Arg

329 &lt;210&gt; SEQ ID NO: 22

330 &lt;211&gt; LENGTH: 7

331 &lt;212&gt; TYPE: PRT

332 &lt;213&gt; ORGANISM: Artificial sequence

334 &lt;220&gt; FEATURE:

335 &lt;223&gt; OTHER INFORMATION: Computer generated synthetic peptide

337 &lt;400&gt; SEQUENCE: 22

339 Leu Thr Asp Asp Val Ser Lys

340 1 5

343 &lt;210&gt; SEQ ID NO: 23

344 &lt;211&gt; LENGTH: 8

345 &lt;212&gt; TYPE: PRT

346 &lt;213&gt; ORGANISM: Artificial sequence

348 &lt;220&gt; FEATURE:

349 &lt;223&gt; OTHER INFORMATION: Computer generated synthetic peptide

351 &lt;400&gt; SEQUENCE: 23

353 Ile Asn Glu Gly Ile Gly Asp Lys

354 1 5

357 &lt;210&gt; SEQ ID NO: 24

358 &lt;211&gt; LENGTH: 21

359 &lt;212&gt; TYPE: PRT

360 &lt;213&gt; ORGANISM: Artificial sequence

362 &lt;220&gt; FEATURE:

363 &lt;223&gt; OTHER INFORMATION: Computer generated synthetic peptide

365 &lt;400&gt; SEQUENCE: 24

367 Ile Gly Met Phe Phe Gln Ser Met Ala Thr Phe Phe Thr Gly Phe Ile

368 1 5 10 15

371 Val Gly Phe Thr Arg

372 20

375 &lt;210&gt; SEQ ID NO: 25

376 &lt;211&gt; LENGTH: 3

377 &lt;212&gt; TYPE: PRT

378 &lt;213&gt; ORGANISM: Artificial sequence

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381 &lt;223&gt; OTHER INFORMATION: Computer generated synthetic peptide

383 &lt;400&gt; SEQUENCE: 25

385 Gly Trp Lys

**VERIFICATION SUMMARY**

**PATENT APPLICATION:** US/09/982,172

**DATE:** 11/02/2001

**TIME:** 15:48:44

**Input Set :** A:\es.txt

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No.

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date